

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	esd and subcollector same region same breakdown near5 voltage with collector	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/09/01 10:11
L2	459	257/362.CCLS.	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/09/01 11:30
L3	795	257/360.CCLS.	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/09/01 11:30
L4	271	257/361.CCLS.	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/09/01 11:30
L6	2	(bipolar and subcollector and geometry).clm.	US-PGPUB	OR	ON	2006/09/01 11:33
L7	1	(bipolar and subcollector and geometry and breakdown).clm.	US-PGPUB	OR	ON	2006/09/01 11:34
S1	2	"20050225910"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 16:55
S2	1	non\$uniform same subcollector same region same geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/05 16:56
S3	11	non\$uniform same subcollector same region	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:24
S4	4	non\$uniform same subcollector same region and esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:55

## EAST Search History

S5	11	non\$uniform same subcollector same region	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:56
S6	1	non\$uniform same subcollector same geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:57
S7	12	non\$uniform same subcollector	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:58
S8	5	non\$uniform with subcollector	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:02
S9	311	non\$uniform with collector	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:02
S10	0	non\$uniform with collector same esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:02
S11	1	non\$uniform with collector and esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:03
S12	5	non\$uniform with subcollector	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:04

## EAST Search History

S13	1	non\$uniform with subcollector same geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:04
S14	5	non\$uniform with subcollector same region	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:08
S15	1	non\$uniform with subcollector and esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:25
S16	3	("4951115"   "5198682"   "6531721").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2006/08/15 15:07
S17	1	non\$uniform with subcollector same geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:09
S18	1	non\$uniform with subcollector and geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:09
S19	699	stricker.in.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:10
S20	38	stricker.in. and bipolar near2 transistor	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:11

## EAST Search History

S21	11051	stricker.in. and bipolar near2 transistor sane subcollector	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:11
S22	4	stricker.in. and bipolar near2 transistor same subcollector	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:14
S23	11	bipolar near2 transistor same subcollector same geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:15
S24	3	bipolar near2 transistor same subcollector same geometry and esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:32
S25	3	(bipolar near2 transistor BPJ) same subcollector same geometry and esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:32
S26	11	(bipolar near2 transistor BPJ) same subcollector same geometry	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:33
S27	52	(bipolar near2 transistor BPJ) same subcollector same breakdown	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:33
S28	43	(bipolar near2 transistor BPJ) same subcollector same breakdown near2 voltage	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:52

## EAST Search History

S29	284	BVceo	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:55
S30	43	BVceo and esd	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 15:56
S31	26	BVceo and esd	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:00
S32	0	BVceo same bpj and esd	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:00
S33	0	BVceo and bpj and esd	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:01
S34	26	BVceo and bipolar and esd	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:06
S35	26	BVceo and esd	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:06
S36	7	BVceo and esd and geometry	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:10
S37	16	BVceo and esd and subcollector	USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/08/15 16:10
S38	11	(US-20050225910-\$ or US-20050082642-\$).did. or (US-7012288-\$ or US-6858485-\$ or US-7001806-\$ or US-6946707-\$ or US-7064416-\$ or US-6891230-\$ or US-6710983-\$ or US-6704179-\$ or US-6429489-\$).did.	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:22

## EAST Search History

S39	2	((US-20050225910-\$ or US-20050082642-\$).did. or (US-7012288-\$ or US-6858485-\$ or US-7001806-\$ or US-6946707-\$ or US-7064416-\$ or US-6891230-\$ or US-6710983-\$ or US-6704179-\$ or US-6429489-\$).did.) and geometry	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:25
S40	8	((US-20050225910-\$ or US-20050082642-\$).did. or (US-7012288-\$ or US-6858485-\$ or US-7001806-\$ or US-6946707-\$ or US-7064416-\$ or US-6891230-\$ or US-6710983-\$ or US-6704179-\$ or US-6429489-\$).did.) and esd	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:23
S41	2	S40 and geometry	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:24
S42	8	S38 and esd	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:24
S43	2	S41 and S42	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:25
S44	2	S43 and esd	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:25
S45	5	((US-20050225910-\$ or US-20050082642-\$).did. or (US-7012288-\$ or US-6858485-\$ or US-7001806-\$ or US-6946707-\$ or US-7064416-\$ or US-6891230-\$ or US-6710983-\$ or US-6704179-\$ or US-6429489-\$).did.) and uniform	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:26
S46	5	((US-20050225910-\$ or US-20050082642-\$).did. or (US-7012288-\$ or US-6858485-\$ or US-7001806-\$ or US-6946707-\$ or US-7064416-\$ or US-6891230-\$ or US-6710983-\$ or US-6704179-\$ or US-6429489-\$).did.) and non\$uniform	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:26

## EAST Search History

S47	5	S45 and S46	US-PGPUB ; USPAT	OR	ON	2006/08/15 16:26
S48	35	esd same subcollector same region	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:25
S49	18	esd same subcollector same region	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:25
S50	18	esd same subcollector same region	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 15:25
S51	6	esd and subcollector same region same breakdown	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 15:39
S52	5	esd and subcollector same region same breakdown near voltage	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 15:39
S53	5	esd and subcollector same region same breakdown near5 voltage	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 15:39
S55	3	esd and subcollector same region same breakdown near5 voltage with collector with emitter	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 15:56
S56	3	esd and subcollector same region same breakdown near5 voltage with collector\$4emitter	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/09/01 11:29
S57	10	esd same P\$cell	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 17:00
S58	2	esd same P\$cell and protection	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 17:00

## EAST Search History

S59	10	esd same P\$cell and protection	US-PGPUB ; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/08/31 17:01
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